

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/094413 A2

(51) International Patent Classification: Not classified

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/US2005/003302

(22) International Filing Date: 1 February 2005 (01.02.2005)

(25) Filing Language:

English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language:

English

(30) Priority Data:

60/542,377 6 February 2004 (06.02.2004) US

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

(71) Applicant and

(72) Inventor: REISTROFFER, Jeffrey, P. [US/US]; 86 High Country Rd., Plains, MT 59859 (US).

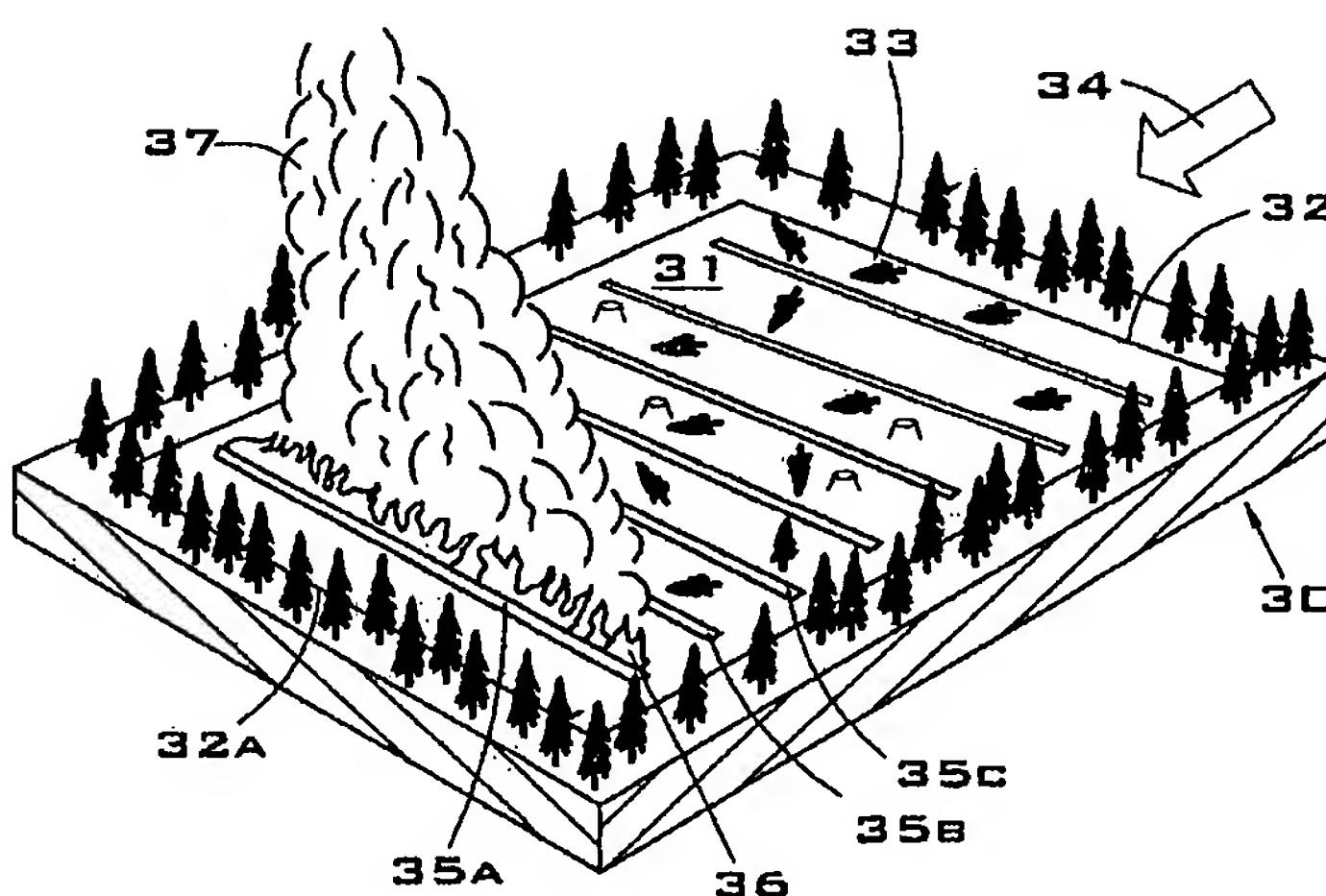
Published:

— without international search report and to be republished upon receipt of that report

(74) Agent: ANTOINETTE M. TEASE, P.L.L.C.; P.O. Box 51016, Billings, MT 59105 (US).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LINEAR INCENDIARY STRAND AND METHOD FOR PRESCRIBED FIRE IGNITION



(57) Abstract: An elongate, flexible, incendiary device for producing a nearly instantaneous source of flaming combustion along a linear pathway of indeterminate length. The incendiary device is provided in the form of a solid, continuous strand, such as, for example, a ribbon, tape, cord, filament, rope or tube. The device is comprised of means for rapid ignition along the longitudinal axis of the strand in co-linear arrangement with a solid or semi-solid combustible fuel composition. Upon ignition, the device produces flames from its exterior surface for a duration of time suitable for igniting nearby combustible matter. The incendiary device provides a nearly instantaneous line of fire for igniting prescribed fires, controlled burns, and backfires. A method for igniting vegetative matter over an area of land using one or more indeterminate lengths of a rapidly igniting linear incendiary strand.

WO 2005/094413 A2